04-6-04  
PART B - FEE(S) TRANSMITTALComplete and send this form, together with applicable fee(s), to: MailMail Stop ISSUE FEE  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
or Fax (703) 746-4000

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 4 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications.

CURRENT CORRESPONDENCE ADDRESS (Note: Legibly mark-up with any corrections or use Block 1)

009561 7590 02/25/2004

POPOVICH, WILES & O'CONNELL, PA  
650 THIRD AVENUE SOUTH  
SUITE 600  
MINNEAPOLIS, MN 55402as "Express Mail Post  
Office to Addressee"  
Mailing Label No.  
EV 399043722 US

Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission.

## Certificate of Mailing or Transmission

I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO, on the date indicated below.

Jodi C. Jung	(Depositor's name)
<i>Jodi C. Jung</i>	(Signature)
04-5-04	(Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/591,447	06/09/2000	Steven Neville Chatfield	KCO1003US	4359

TITLE OF INVENTION: VACCINES CONTAINING ATTENUATED BACTERIA

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1330	\$0	\$1330	05/25/2004

EXAMINER	ART UNIT	CLASS-SUBCLASS
HINES, JANA A	1645	424-200100

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

- ☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.
- ☐ "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required.

2. For printing on the patent front page, list (1) the names of up to 3 registered patent attorneys or agents OR, alternatively, (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

1 Popovich, Wiles &  
O'Connell, P.A.  
2  
3

## 3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. Inclusion of assignee data is only appropriate when an assignment has been previously submitted to the USPTO or is being submitted under separate cover. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

Celltech Pharma Europe Limited

United Kingdom

Please check the appropriate assignee category or categories (will not be printed on the patent); ☐ individual ☐ corporation or other private group entity ☐ government

4a. The following fee(s) are enclosed:

- ☒ Issue Fee
- ☐ Publication Fee
- ☒ Advance Order - # of Copies 10

4b. Payment of Fee(s):

- ☒ A check in the amount of the fee(s) is enclosed.
- ☐ Payment by credit card. Form PTO-2038 is attached.
- ☒ The Director is hereby authorized by charge the required fee(s), or credit any overpayment, to Deposit Account Number 16-2312 (enclose an extra copy of this form).

Director for Patents is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above.

(Authorized Signature) (Date)

Patrick J. O'Connell (33,984)

4/5/04

NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

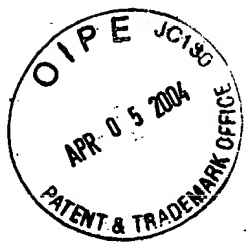
This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Alexandria, Virginia 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

04/07/2004 EAREGAY2 00000075 09591447

01 FC:1501  
02 FC:80011330.00 OP  
30.00 OP

TRANSMIT THIS FORM WITH FEE(S)



Date of Notice of Allowance: February 25, 2004

Confirmation No.: 4359

Serial Number: 09/591,447

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicants: Steven Neville Chatfield et al. Attorney Docket: KCO1003US

Serial No.: 09/591,447

Group Art Unit: 1645

Filed: June 9, 2000

Examiner: Ja-Na Hines

For: VACCINES CONTAINING ATTENUATED BACTERIA

**TRANSMITTAL OF PAYMENT OF ISSUE FEE (37 C.F.R. § 1.311)**

MAIL STOP ISSUE FEE

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Dear Sir:

1. Applicants hereby pay the issue fee for the attached Issue Fee Transmittal PTOL-85 (1 page, in duplicate).

2. Fee (37 C.F.R. §§ 1.18(a) and (b)):

Application status is:

Regular

Design

☐ small business entity - fee

☐ \$665

☐ \$240

☐ verified statement attached

☐ verified statement filed on \_\_\_\_\_

☒ other than a small entity - fee

☒ \$1330

☐ \$480

**Certificate of Express Mailing (37 C.F.R. § 1.10)**

I hereby certify that this paper or fee is being deposited with the United States Postal Service as "Express Mail Post Office to Addressee" Mailing Label No. EV 399043722 US in an envelope addressed to: Mail Stop Issue Fee, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date indicated below.

Date: April 5, 2004

Signature: Jodi Jang

Name: Jodi Jang

Transmittal of Payment of Issue Fee  
Applicants: Steven Neville Chatfield et al.  
Serial Number: 09/591,447

Attorney Docket: KCO1003US

3. Payment of fee:

☒ Enclosed please find a check for \$1360.00 (issue fee of \$1330.00 and ten copies of patent at \$3.00 each).

☒ Charge Account 16-2312 for any fee deficiency.

☐ Charge Account \_\_\_\_\_ the sum of \$ \_\_\_\_\_.

4. ☒ Enclosed please find an Amendment After Notice of Allowance (7 pages).

A duplicate of this request is attached.

Respectfully submitted,

Dated: April 5, 2004

By Patrick J. O'Connell  
Customer No. 009561

Patrick J. O'Connell, Esq. (33,984)

Miriam G. Simmons (34,727)

POPOVICH, WILES &

O'CONNELL, P.A.

650 Third Avenue South, Suite 600

Minneapolis, MN 55402

Telephone: (612) 334-8989

Representatives of Applicants